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Name: Sarah Barnett	Express Mail Label No.: EV 533070745 US
Signature: 	Date: September 2, 2004

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**OCT 25 2004**

**PATENT**  
 Customer No. 22,852  
 Attorney Docket No. 08834.0040

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Ming-King ("Max") LIU et al.

Application No.: 09/526,646

Filed: March 15, 2000

For: AUTOMATIC DATA CPU LOAD  
 REDUCTION IN A HOST-SIGNAL  
 PROCESSING (HSP) BASED ADSL MODEM

)  
 )  
 ) Group Art Unit: 2663  
 )  
 ) Examiner: Lee, Chi Ho A.  
 )  
 ) Confirmation No.: 1209  
 )

**Mail Stop RCE**  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

**AMENDMENT**

In reply to the Final Office Action mailed March 25, 2004, Applicants request the Examiner to consider this Amendment and following remarks culminating in allowance of the claims. Accompanying this Amendment is a Petition for a three-month extension of time to extend the period of response to September 25, 2004, and a Request for Continued Examination (RCE), along with requisite fees.

**Amendments to the Claims begin on page 2.**

<b>Claim Fee Calculation</b>					
	Number of Claims After Amendment		Highest # Previously Paid For	Extra Claims After Amendment	
Total Claims	48	-	48	0	x \$18 0
Ind. Claims	6	-	5	1	x \$86 \$86.00
<input type="checkbox"/> First Presentation of Multiple Dep. Claim(s)					+ \$290 0
Subtotal					\$86.00
Reduction by 1/2 if small entity					-\$43.00
TOTAL APPLICATION FILING FEE					\$43.00

Remarks begin on page 14.